

RESOURCE GUIDE FOR EDUCATORS



AEROSPACE IN MOROCCO: BUILDING A **SUSTAINABLE** COUNTRY

SATURDAY, MARCH 5TH, 2022
9:00 - 10:00 AM PT



How to Use This Guide



Visual Media



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Lesson Plans

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Outlining Standards

A Note on Learning Standards Presented in this Guide

Three sets of standards have been linked to each of the learning objectives in this packet. The **Washington State K-12 Social Studies Learning Standards** and the accompanying Grade Level Requirements are the social studies standards for WA State.

The College, Career, & Civic Life C3 Framework for Social Studies State Standards are the standards published by the National Council for the Social Studies. Guiding the packet as a whole is the Framework for Global Learning created by the Asia Society and the Council of Chief State School Officers titled *Educating for Global Competence: Preparing Our Youth to Engage the World* (2011).

Cross-objective standards are listed at the beginning of the packet, and content-specific standards can be found after each learning objective.

The standards provided have been selected for relevance, but are not exclusive: many other standards, such as Common Core, may be applicable to the resources and learning objectives identified in this packet. The intention for this packet's organization is to provide educators with an idea of resources available and possible uses for resources. Users should feel free to create their own learning objectives and to select resources according to the specific needs of their classrooms.

The student understands and applies reasoning skills to conduct research, deliberate, and form and evaluate positions through the processes of reading, writing, and communicating.

WASHINGTON STATE K-12 SOCIAL STUDIES LEARNING STANDARDS

There are five EALRs in Social Studies, one for each of the discipline areas: civics, economics, geography, and history, and a fifth for social studies skills.

(1) Social Studies EALR 1: CIVICS

The student understands and applies knowledge of government, law, politics, and the nation's fundamental documents to make decisions about local, national, and international issues and to demonstrate thoughtful, participatory citizenship.

(2) Social Studies EALR 2: ECONOMICS

The student applies understanding of economic concepts and systems to analyze decision-making and the interactions between individuals, households, businesses, governments, and societies.

(3) Social Studies EALR 3: GEOGRAPHY

The student uses a spatial perspective to make reasoned decisions by applying the concepts of location, region, and movement and demonstrating knowledge of how geographic features and human cultures impact environments.

(4) Social Studies EALR 4: HISTORY

The student understands and applies knowledge of historical thinking, chronology, eras, turning points, major ideas, individuals, and themes on local, Washington State, tribal, United States, and world history in order to evaluate how history shapes the present and future.

(5) Social Studies EALR 5: SOCIAL STUDIES SKILLS

The student understands and applies reasoning skills to conduct research, deliberate, and form and evaluate positions through the processes of reading, writing, and communicating.

Outlining Standards

COLLEGE, CAREER, & CIVIC LIFE C₃ FRAMEWORK FOR SOCIAL STUDIES STATE STANDARDS

The C₃ Framework is organized into the four Dimensions, which support a robust social studies program rooted in inquiry.

The four Dimensions are as follows:

- (1) Developing questions and planning inquiries;
- (2) Applying disciplinary concepts and tools;
- (3) Evaluating sources and using evidence;
- (4) Communicating conclusions and taking informed action

DIMENSION 1: DEVELOPING QUESTIONS AND PLANNING INQUIRES	DIMENSION 2: APPLYING DISCIPLINARY TOOLS AND CONCEPTS	DIMENSION 3: EVALUATING SOURCES AND USING EVIDENCE	DIMENSION 4: COMMUNICATING CONCLU- SIONS AND TAKING INFORMED ACTION
Developing Questions and Planning Inquiries	<ul style="list-style-type: none"> • Civics • Economics • Geography 	<ul style="list-style-type: none"> • Gathering and Evaluating Sources • Developing Claims and Using Evidence 	<ul style="list-style-type: none"> • Communicating and Critiquing Conclusions • Taking Informed Action

Dimension 2 has four disciplinary subsections: **(1) Civics; (2) Economics; (3) Geography; (4) History**. Each disciplinary subsection has three to four additional categories, which provide an organizing mechanism for the foundational content and skills within each discipline.

C₃ Framework Organization

CIVICS	ECONOMICS	GEOGRPAHY	HISTORY
Civic and Political Institutions	Economic Decision Making	Geographic Representations: Special Views of the World	Change, Continuity, and Context
Participation and Deliberation: Applying Civic Virtues and Democratic Principles	Exchange and Markets	Human-Environment Interaction: Place, Religions, and Culture	Perspective
Processes, Rules, and Laws	The National Economy	Human Populations: Spatial Patterns and Movements	Historical Sources and Evidence
	The Global Economy	Global Interconnections: Changing Spatial Patterns	Causation and Argumentation

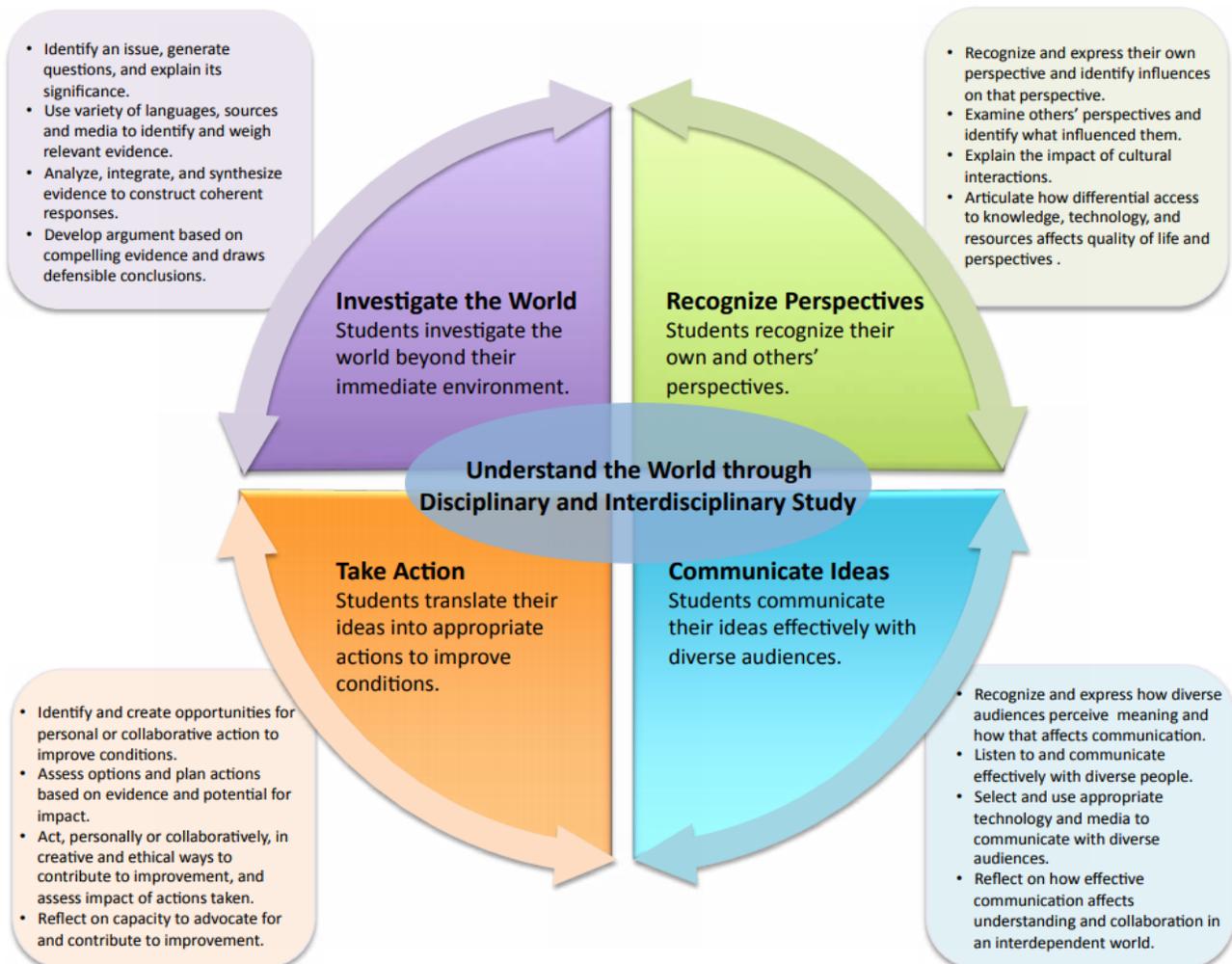
Educating for Global Competence

Frameworks taken from *Educating for Global Competence: Preparing Our Youth to Engage the World* (Asia Society and the Council of Chief State School Officers 2011).

“Global competence is the capacity and disposition to understand and act on issues of global significance” (Chapter 2).

Globally competent students are able to perform the following four competences:

1. **Investigate the world** beyond their immediate environment, framing significant problems and conducting well-crafted and age-appropriate research.
2. **Recognize perspectives** others’ and their own, articulating and explaining such perspectives thoughtfully and respectfully.
- 3 **Communicate ideas** effectively with diverse audiences, bridging geographic, linguistic, ideological, and cultural barriers.
4. **Take action** to improve conditions, viewing themselves as players in the world and participating reflectively.



IVLP Alumni in the Classroom

[We Are the U.S. Department of State](#)



The U.S. Department of State leads America's foreign policy through diplomacy, advocacy, and assistance by advancing the interests of the American people, their safety and economic prosperity.



[The Office of International Visitors \(OIV\) - U.S. Department of State](#)

The Office of International Visitors (OIV) is responsible for implementing the International Visitor Leadership Program (IVLP). Launched in 1940, IVLP seeks to build mutual understanding between the United States and other nations through short-term visits to the U.S. for current and emerging foreign leaders. Each year nearly 5,000 International Visitors come to the U.S. on the IVLP. With the help of a dedicated network of community-based non-profit organizations, the IVLP has introduced more than 225,000 International Visitors to communities throughout the United States. More than 500 IVLP participants have become heads of state or government.

[The International Visitor Leadership Program \(IVLP\)](#)

The International Visitor Leadership Program (IVLP) is the U.S. Department of State's premier professional exchange program. Through short-term visits to the United States, current and emerging foreign leaders in a variety of fields experience this country firsthand and cultivate lasting relationships with their American counterparts. Professional meetings reflect the participants' professional interests and support the foreign policy goals of the United States.

[IVLP Alumni in the Classroom—Office of International Visitors, U.S. Department of State | Cultural Vis- tas](#)

"IVLP Alumni in the Classroom" is an initiative created by the Office of International Visitors and the Global Ties Network, connecting global leaders who have previously participated in the International Visitor Leadership Program (IVLP), with students, teachers, & classrooms across the U.S. (virtually) to provide real life expertise on timely and important global current events and issues.

Introduction to IVLP Alumni



Dr. Sami El Moukhlis began his career in civil aviation in 2022 as an Air Traffic Controller rising to his current position as Director of Management and Language Division at the [Mohammed VI International Academy of Civil Aviation](#) in Casablanca, Morocco. In this role, he is responsible for helping to foster innovative entrepreneurship in the Moroccan aerospace industry. He received his undergraduate degree in Mathematics, an M.S. degree in Electrical Engineering and a Ph.D. in Computer Science from the Université Hassan II Casablanca.

Passionate about Precision Agriculture, *Faissal SEHBAOUI* is an engineer in applied mathematics who graduated from the Ecole Centrale Lyon in 2010 and currently Managing Director of [AgriEdge](#), a business unit operating in precision agriculture, of which he is the founder. He began his career in the banking sector before joining the OCP Group as Big Data Manager.



Faissal hopes to unlock the potential of African Agriculture by synergizing the richness of remote sensing data and the power of Artificial Intelligence (AI). Throughout his travels in Africa, including visits to Ethiopia, Uganda, Kenya, Senegal, Benin and Togo, Faissal works with farmers to determine the most effective ways they can use the power of big data to optimize production, while using fewer resources.

Introduction to IVLP Alumni

Mr. Mouaad BOULAKHBAR is a young Moroccan innovator and entrepreneur. He is the founder and CEO of SENERGYTK a Moroccan Tech company specializing in efficient and innovative products in energy, electric mobility, and smart grid. After graduating as a mechatronics engineering in 2018, he was nominated by King Mohamed VI as the best young innovator in Morocco, with more than four patents in the field of energy efficiency and electric mobility. Mouaad has been invited to speak at many international conferences in Germany, Canada and France.

Mouaad is a PhD student focusing on artificial intelligence, studying the integration of renewable energies and electric vehicles in

the grid. Mouaad enjoys innovating and creating new products solving challenges in the aerospace and defense industries. Mouaad is an avid and competitive soccer player and usually plays a match every week . He gives 100% when he competes and enjoys winning. Mouaad enjoys playing ping-pong.



Fast Fact:

Morocco is home to over 140 aerospace companies and organizations as of 2021.



Key Terms

Climate Change: periodic modification of Earth's climate brought about as a result of changes in the atmosphere as well as interactions between the atmosphere and various other geologic, chemical, biological, and geographic factors within the Earth system.

Water Scarcity: insufficient freshwater resources to meet the human and environmental demands of a given area. Water scarcity is inextricably linked to human rights, and sufficient access to safe drinking water is a priority for global development.

Drought: lack or insufficiency of rain for an extended period that causes a considerable hydrologic (water) imbalance and, consequently, water shortages, crop damage, streamflow reduction, and depletion of groundwater and soil moisture.

Aerospace Industry: assemblage of manufacturing concerns that deal with vehicular flight within and beyond Earth's atmosphere.

Sustainability: the long-term viability of a community, set of social institutions, or societal practice. In general, sustainability is understood as a form of intergenerational ethics in which the environmental and economic actions taken by present persons do not diminish the opportunities of future persons to enjoy similar levels of wealth, utility, or welfare.

Renewable Energy: usable energy derived from replenishable sources such as the Sun (solar energy), wind (wind power), rivers (hydroelectric power), hot springs (geothermal energy), tides (tidal power), and biomass (biofuels).

Satellite: natural object (moon) or spacecraft (artificial satellite) orbiting a larger astronomical body.

Drone: in aviation and in space, a drone refers to an unpiloted aircraft or spacecraft.

AgriTech: application of techniques to control the growth and harvesting of animal and vegetable products. Mechanical processing of soil so that it is in the proper physical condition for planting is usually referred to as tilling; adding nutrients and trace elements is called fertilizing. Both processes are important in agricultural operations.

Guiding Questions

1. Describe how climate change is manifesting in Morocco. How has climate change impacted normative life in the country? What have been some of the social, economic, and political repercussions of climate change in Morocco?
2. "Space technologies have led to a number of inventions that benefit the environment and save energy. Satellite-based systems are reducing vehicles' carbon dioxide emissions, remote-sensing technology is making wind turbines more efficient, and information from weather satellites is helping solar cells to produce more energy." What new technologies is the Aerospace industry in Morocco prioritizing to mitigate climate change in the country?
3. Have there been challenges in utilizing space technologies to improve the climate crisis? Are there any negative impacts stemming from these technologies? How is the aerospace sector working to ensure that the use of these new technologies are safe and sustainable for the future development of Morocco?
4. What are trends in airport security and security technologies that optimize efficiencies in airports which lead to reducing waste and helping the environment? What projects or innovations have Morocco's airports utilized (i.e. drones, etc.) to strengthen security and help the airports run more efficiently?
5. How is the agricultural sector in Morocco navigating drought and water scarcity due to climate change? What are the biggest concerns for farmers looking to the future? What innovations from space technologies are helping to improve the livelihoods of farmers in the country?
6. Morocco is becoming a global leader in sustainability and improving the climate change response. How have other countries interacted or collaborated with Morocco's aerospace industry? What have been the global implications of the climate work being done in Morocco?
7. Morocco has launched one of the largest solar energy projects in the world? How is this project being funded and what is the timeline for incorporating solar energy into the country's infrastructure? What are the projected benefits from utilizing such a vast amount of solar energy?
8. What does the future look like for Morocco? What climate change goals are the country hoping to meet? How will this work inform the climate change responses of other countries around the world?

The Sustainable Development Goals (SDGs)

What Are the Sustainable Development Goals (SDGs)?

The Sustainable Development Goals (SDGs), also known as the Global Goals, were adopted by the United Nations in 2015 as a universal call to action to end poverty, protect the planet, and ensure that by 2030 all people enjoy peace and prosperity.

Goal 7:

Ensure access to affordable, reliable, sustainable and modern energy for all.



TARGET

9-4



UPGRADE ALL INDUSTRIES AND INFRASTRUCTURES FOR SUSTAINABILITY

11 SUSTAINABLE CITIES AND COMMUNITIES



[European Global Navigation Satellite System and Copernicus: Supporting the Sustainable Development Goals](#)

The United Nations Office for Outer Space Affairs is putting together a global partnership for the SDGs as a

mechanism where different actors can express their needs, develop their systems and set up services that will result in worldwide collaboration in the monitoring and achievement of the SDGs for the benefit of humankind.

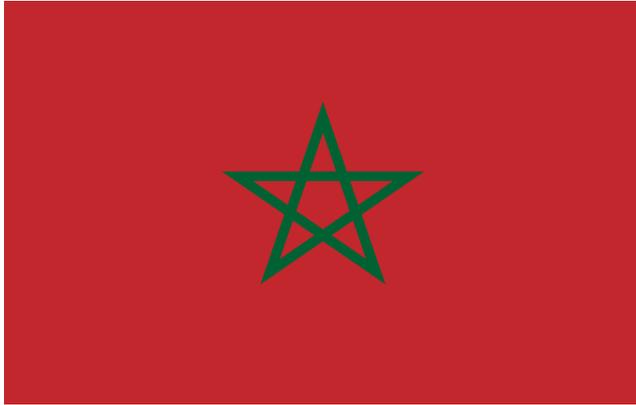


Ensure sustainable consumption and production patterns



Take urgent action to combat climate change and its impacts

Country Profile | Morocco



Capital City: Rabat

Largest City: Casablanca

Population: 36.91 Million people

Languages spoken: Arabic, French, Berber

Statistics: 99% of the population practices Islam



[Geography Now! Morocco](#)

Video description of Morocco's geography in relation to the Arab world. While Morocco is positioned across the Sahara on the Atlantic Coast, the nation has forged an important diplomatic and cultural relationship to the Middle East and Arab world.



[Morocco Demographics](#)

This series of maps provides current statistics on Morocco's population as well as projections for the future. As a highly urbanized nation, with nearly half the population living in cities, a map is also provided regarding Morocco's population density.



[An Overview of Morocco's History and Culture](#)

This overview of Morocco covers the nation's history as an important gateway between North Africa and Southern Europe, the nation's government, religious traditions, society, as well as the current issues Morocco faces from the climate crisis to its occupation of Western Sahara.



[Morocco: Regions - Map Quiz Game](#)

From Tanger-Tetouan-Al Hoceima in the north to Dakhla-Oued Ed-Dahab in the south, memorizing the Moroccan regions will be a snap.

Aerospace in Morocco



[Morocco's Earth Observation Satellite Launched into Orbit](#)

Morocco's new satellite was recently launched into orbit. The satellite will be used to monitor crops and agriculture. It symbolizes the ways in which new space technologies can be used to help develop nations and create a green future.



[Overview of the Moroccan Space Industry](#)

On the global stage, the space races of the United States and Russia often overshadow the rest of the world. But in recent years, Morocco has grown a massive space industry that is hard to ignore. Many hope that this new industry will spark sustainable practices in Morocco and the world.



[Africa's Capacity Report Indicates Morocco's Emerging Leadership in Space and Technology](#)

Table O.1: Africa Capacity Index, 2016

Rank	Country	ACI 2016 value	Rank	Country	ACI 2016 value
1	Morocco	71.6	24	Gabon	52.3
2	Tanzania	68.8	25	Zambia	52.3
3	Rwanda	68.2	26	Djibouti	51.5
4	Mauritius	67.3	27	South Africa	51.1
5	Cabo Verde	62.6	28	Mozambique	50.8
6	Tunisia	62.6	29	Madagascar	50.7
7	Gambia	61.7	30	Togo	50.4
8	Mali	61.0	31	Guinea	50.1
9	Malawi	60.7	32	Senegal	49.0
10	Burkina Faso	58.8	33	Cameroon	47.3
11	Niger	57.4	34	Chad	46.4
12	Liberia	57.1	35	Zimbabwe	46.3
13	Ethiopia	56.5	36	Comoros	45.9
14	Namibia	56.2	37	Botswana	44.1
15	Lesotho	56.1	38	Côte d'Ivoire	43.6

Aerospace in Morocco



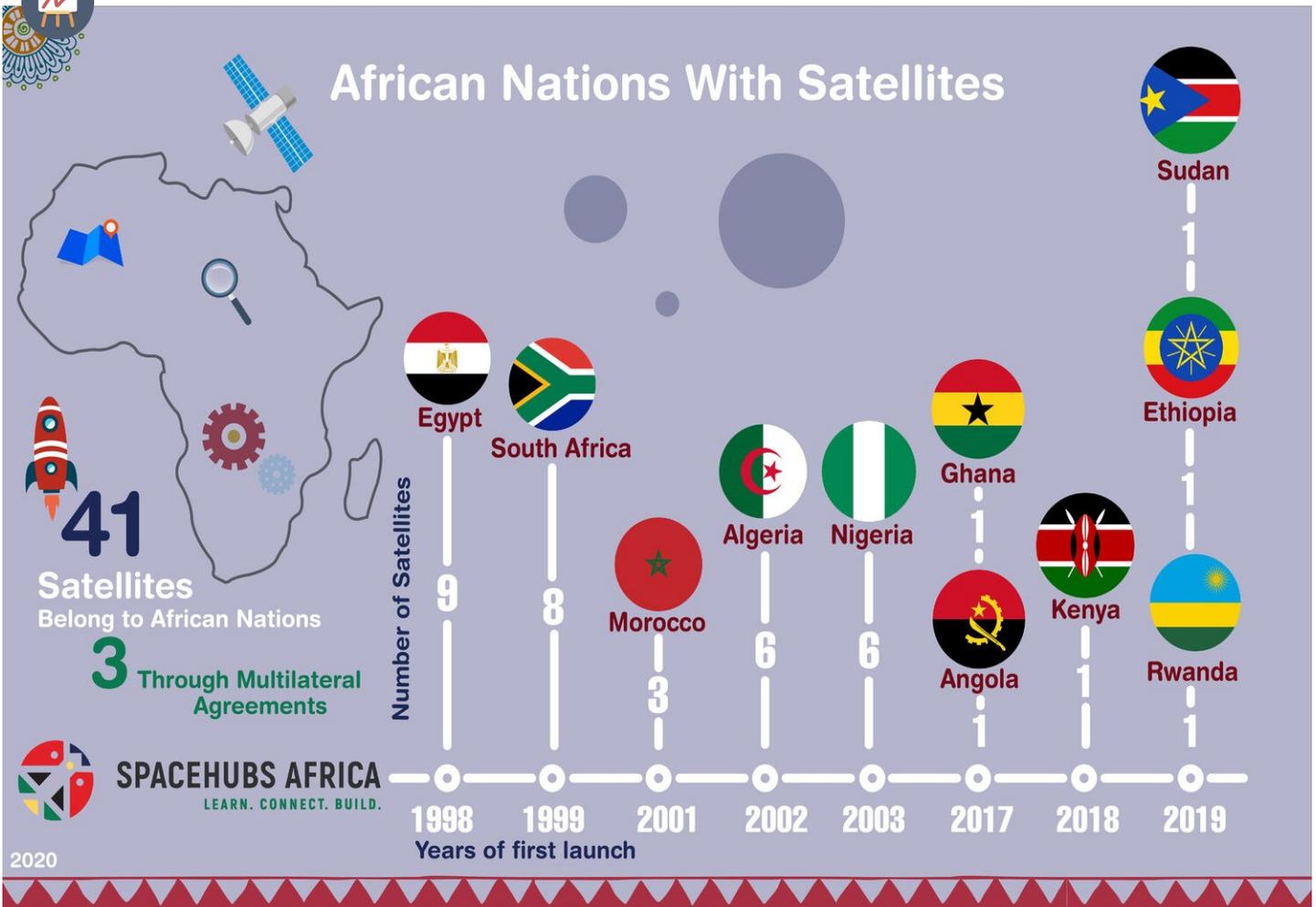
Moroccan Aerospace Value Chain Profile & Opportunities

Moroccan aerospace is both solidly rooted in global value chains and booming. Major international players, including Safran, Airbus/ Stelia, Boeing, Bombardier Aerospace, EATON, UTC and Thales have invested heavily in Morocco, setting up state-of-the-art industrial production capacity to boost their competitiveness. Over the coming years, investment in Morocco's Space industry will likely grow exponentially.



Morocco Begins to Rethink Its Future

Before the Covid-19 outbreak, the Moroccan aeronautical and space industry had recorded a growth of more than 20% over the last two years. Now the Group of Moroccan Aeronautics and Space Industries (GIMAS) has launched a debate on the future in the aftermath of the pandemic.



Aerospace in Morocco



[Promoting the Space Program in North Africa—The Space Mobile](#)

This article overviews the reasons in which North African nations hold an important position in the future of space exploration and technology.



[The African Space Race](#)

Africa's space industry is projected to grow from \$7 billion to over \$10 billion in the next five years. Other nations have noticed this growth, and the United States and China are now both attempting to invest in this new space race.



[Igniting Climate Entrepreneurship in Morocco](#)

The environment in Morocco, like many other low- to high-income countries, is particularly vulnerable to climate change. However, unlike other countries facing similar struggles, the Moroccan government has responded to these challenges and imbalances through a green growth agenda. This agenda is firmly oriented toward climate change mitigation and adaptation. This document compiled by The World Bank Group outlines Morocco's climate situation and how business and sustainability can grow together.



Aerospace in Morocco



Fast Fact:

The presence of Chinese investment in Morocco is predicted to increase Morocco's GDP by up to 80% over 10 years.

- International Monetary Fund

[GITEX : Testimonial of a Potential Investor from Singapore about Morocco's Tech Space | Morocco Now](#)

During this incredible GITEX week in Dubai Morocco Now showcased Moroccan tech development capacities to the world and promoted Moroccan startups innovative tech solutions to Middle East and Asia investors. This video covers why investors are so keen on the Moroccan market and the future of the Space industry.

[Space Generation Advisory Council—Morocco](#)

This page provides links, dates of events, and images related to Morocco in the Space industry.

[Morocco and China—A Pragmatic Relationship](#)

China has begun to expand its diplomatic relationship with Morocco, where previously it was lacking. Morocco's strategic location on the Atlantic Ocean as well as its ports to Europe make it a valuable ally— but China knows the Morocco tends to lean towards Western spheres of influence, making their relationship a pragmatic one.

Climate Change Impacts in Morocco

[Morocco Launches Triple A Initiative to Challenge Climate Change](#)

For the final stop along the Road to Cop 22, we're in Souss Massa Draa, in southern Morocco. This region is the home of the country's Triple A initiative which aims to transform the continent's agriculture to face the challenges of climate change. The Triple A initiative is part of the Green Morocco Plan which deals with agriculture and the agro-industry. It aims to address three challenges facing the African continent: funding, increasing agricultural productivity, and the increased carbon sequestration in African soils.



[Climate Change in the Desert | DW Documentary](#)

Halim Sbai says an oasis really is a paradise. But drought and desertification are now taking their toll on oases like M'hamid El Ghizlane in southeastern Morocco where he grew up. The survival of a whole region is at stake. Over hundreds of kilometers between the Anti-Atlas mountains and the Sahara desert there is one palm-fringed oasis after the next. Close to two million people live in these settlements. Up to now, many earned their living by harvesting dates from the palm trees. But this is proving more and more difficult. Decreasing and irregular rainfall is having a devastating impact on the trees and their yields.

Innovating Space Technologies to Combat Climate Change

[The Port of Casablanca](#)

The Port of Casablanca is the most significant of all the ports in Morocco. Not only is it a noteworthy port for the local shipping industry, but is known to be the biggest artificial port on the planet. For centuries Casablanca has always been a small seaport that enjoyed a lot of traffic and trade. It finally made the transition to the massive, modern port that it is today when work on the new piers and other important structures was started in 1906.

[Zenata Eco City](#)

Zenata Eco City is Morocco's answer to evolving urban development challenges. The project has been guided by the core principles of sustainable development: soft and public modes of transport, optimization of water management, green corridors, high density, and social and functional diversity.



[Morocco to Invest](#)

[\\$2.5 Billion to Build 100% Carbon-Free City](#)

Morocco will invest \$2.5 billion in the next seven years to build a brand new carbon-free city that will rely 100 percent on renewable energy.

Innovating Space Technologies to Combat Climate Change

[Morocco's Chinese Funded Tech City: the Shanghai of North-Africa?](#)

One of the latest projects launched in Africa is the Mohammed VI Tangier Tech City, a joint project between the Moroccan and the Chinese government. The project was initially announced in 2016 in occasion of Morocco's King Mohammed VI visit to Beijing, when the two countries signed important agreements, among them the loosening of visa restrictions on Chinese citizens to stimulate tourism to the North African country.

[US Startup to Build 900 MW Wind Park in Morocco's Dakhla](#)

US start-up Soluna technologies AM WIND plans to build a 900 megawatts wind park in Dakhla, southern Morocco. The wind park in Dakhla will cover an area of 11,313 hectares to supply services dedicated to blockchain technologies with an initial investment of MAD 15 billion.

[Noor Ouarzazate Solar Complex](#)

The Noor Ouarzazate Solar Complex is a 580MW power plant located 10km north-east of the city of Ouarzazate, Morocco. It is the largest concentrated solar power plant in the world.



Building a Sustainable Country



[Exploring Space Technologies for Sustainable Development](#)

This report from the United Nations outlines the ways in which Space technologies can be used to create a sustainable and equitable future. Particularly focusing on emerging technologies and the impact they may have on food systems, climate change, and poverty.



[5 Things Morocco is Doing about Climate Change](#)

Morocco is a particularly vulnerable nation to climate change, due to its varied landscape, position as a coastal nation, and water conservation issues. To combat this threat, the Moroccan government and NGO's have begun several measures to ready themselves for the future, and hopefully prevent a climate disaster.



[How Space Tech Can Tackle Climate Change](#)

Space Capital Founder and Managing Partner Chad Anderson discusses how space technology can be used to fight climate change and how soon they can be utilized. He speaks with Emily Chang on "Bloomberg Technology."



[Jet Propulsion Laboratory—California Institute of Technology](#)

Bring the wonder of space to your students. Explore our universe of science, technology, engineering and math activities and resources.

[National Adaptation Plans in Focus: Lessons from Morocco](#)

Future climate trends in Morocco include rising temperatures of 1–1.5°C by 2050 (rate of warming faster in the interior) and a decrease in average precipitation by 10–20 percent across the country, and 30 percent decrease for the Saharan region by 2100. This would lead to an increase in droughts, which would impact the agriculture and fisheries sectors.

Fast Fact:

Morocco is aiming for 52% of electrical needs to be met through renewable energy sources by 2030.

- The World Bank

Building a Sustainable Country

[Morocco National Sustainable Development Strategy](#)

In this document, the four principles and the vision behind the National Sustainable Development Strategy (of Morocco) are discussed, and budgetary and implementation plans are provided. The commitment to the fundamentals of sustainable development has resulted in successive reforms aimed at building solid foundations for economic development, improving social conditions and accelerating the pace of environmental achievements through preventive and corrective measures. Available in French and English.

[The People's-Driven Sustainable Development in Morocco | Yossef Ben-Meir | TEDx](#)

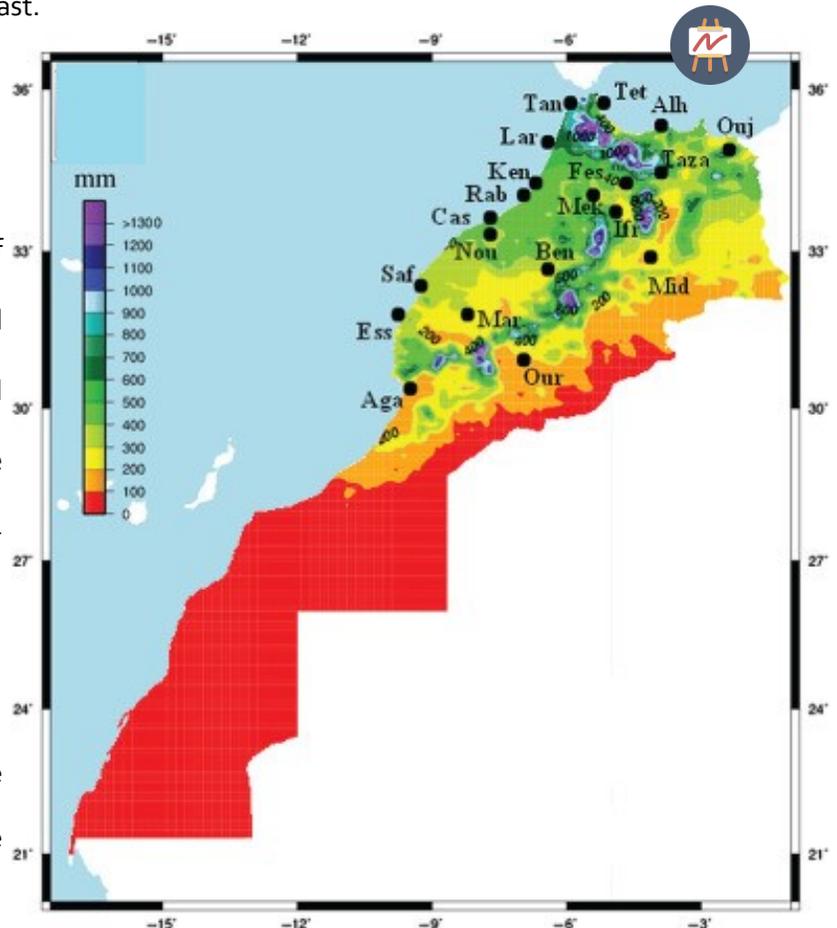
Dr. Yossef Ben-Meir has talked about the essential factors that create sustainable development and vital opportunities for its implementation in Morocco, particularly in rural places. He also reflected on Morocco's key national initiatives to promote the people's development, and what fulfilling them could mean for the country, Africa, and the Middle East.

[Projected Changes in Temperature and Precipitation Indices in Morocco](#)

This study provides an evaluation of high-resolution regional climate model (RCM) simulations of precipitation and temperature over Morocco and future projections based on two emission scenarios.

[NASA's Climate Kids](#)

NASA's Climate Kids website brings climate science to life with fun games, interactive features and exciting articles.



Building a Sustainable Country



[UN Women Stories | Moroccan Women Take on Climate Change](#)

Rural women are often more vulnerable to the impact of climate change as their livelihoods depend on agriculture and they typically receive less education than their city counterparts. Preserving and planting traditional seeds can help mitigate the effects of climate change, and UN Women supports women seed growers in Morocco through a joint programme with local NGO "Terre et Humanisme." In February 2016, the women came together in the agroecology farm of Dar Bouazza to launch the "Seed Caravan," which encourages women to share seeds and expertise, and raise awareness on the impacts of climate change.



[From Milan to Glasgow, Young Moroccans Commit to Fighting Climate Change](#)

This article focuses on several young Moroccans who are advocating for sustainable policy and climate friendly solutions to current issues such as poverty, business, and education.



[NASA Wavelength](#)

NASA Wavelength is a collection of resources that incorporate NASA content and have been subject to peer review. You can search this collection using key words and/or the drop down menus to pinpoint resources to use with your audience of learners.



Climate change performance rated: ■ Very High ■ High ■ Medium ■ Low ■ Very Low



2021

OVERALL RESULTS

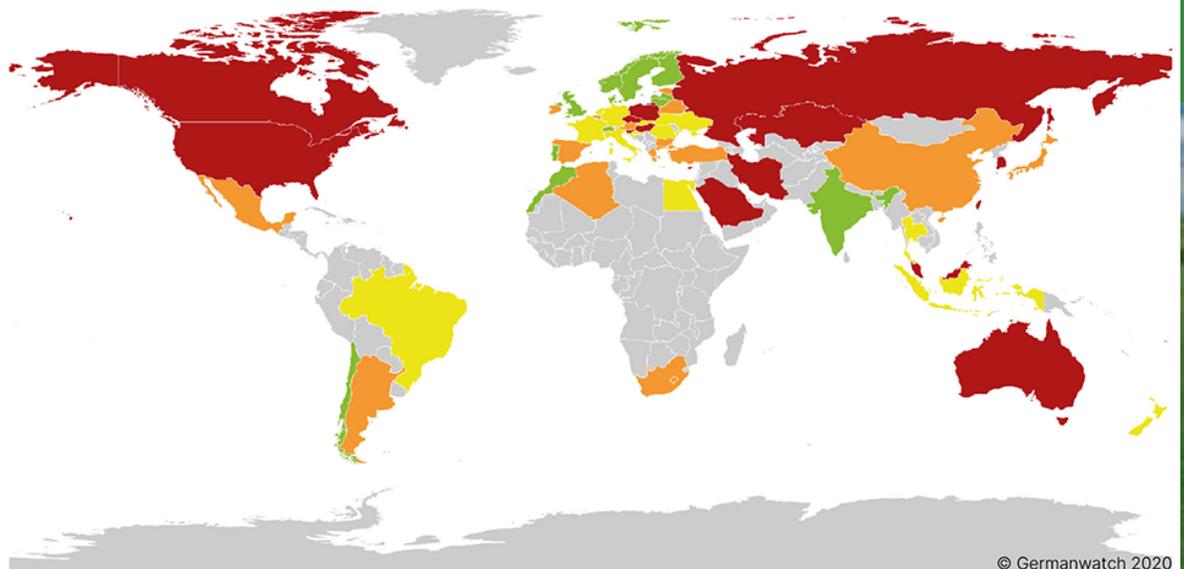


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"Faissal Sehbaoui Headshot" IVLP Programs

"Mouaad Boulakhbar Headshot" IVLP Programs

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Country Profile | Morocco

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"Moroccan Coat of Arms" <https://en.wikipedia.org/wiki/Morocco>

"Map of Morocco" <https://www.worldometers.info/maps/morocco-map/>

Aerospace in Morocco

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Aerospace in Morocco:

Building A Sustainable Country

SATURDAY, MARCH 5TH, 2022
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